

What is claimed is:

1. A transcriptional activator comprising the following (a) or (b):

(a) A protein comprising an amino acid sequence of SEQ ID NO: 1.

5 (b) A protein, with a transcriptional activator activity, comprising an amino acid sequence, wherein one or several amino acids are deleted, substituted or added in the amino acid sequence of (a).

2. A medical agent for activation of transcription, comprising the transcriptional activator of claim 1 as an effective component.

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3. An antibody or antagonist which recognizes and binds selectively to the transcriptional activator of claim 1.

4. A method for examining the diseases based on the abnormality of a reproductive organ, which comprises the steps of obtaining cells from tissues of said reproductive organ of a patient and examining the reactivity of the antibody or antagonist of claim 3 against said cells.

5. A screening agent for medical drugs to activate the transcription, comprising the antibody or antagonist of claim 3 as an effective component.

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6. A transcriptional activator (GCX-1) gene comprising the following (a) or (b):

(a) DNA comprising a nucleotide sequence of SEQ ID NO: 2.

25 (b) DNA encoding a protein comprising an amino acid sequence of SEQ ID NO: 1 or a protein, with transcriptional activator activity, comprising an amino acid sequence, wherein one or several amino acids are deleted, substituted or added in said amino acid sequence of SEQ ID NO: 1.

7. A method for examining the diseases based on the abnormality of a reproductive organ, which comprises the steps of obtaining DNA containing the region of the gene of claim 6 from a patient and comparing the obtained DNA with the nucleotide sequence of the gene of claim 6.

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